

phytase and citrobacter

- 2004

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Y Kim H Kim J Lee

C O'Fagain

K Kim

HW Kim, YO Kim, JH Lee, KK Kim, YJ Kim - Biotechnology Letters, 2003 - Springer ... Key words: Citrobacter braakii, phytase, protease resistance Abstract ... Page 2. 1232 Table 1. Purification scheme of the phytase from Citrobacter braakii YH-15. ...

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#### Gene cloning, expression and characterization of novel phytase from Obesumbacterium proteus - group of 4 »

NV Zinin, AV Serkina, MS Gelfand, AB Shevelev, SP ... - FEMS Microbiology Letters, 2004 -Blackwell Synergy

... [11], Kim, HW, Kim, YO, Lee, JH, Kim, KK, Kim, YJ (2003) Isolation and characterization of a phytase with improved properties from Citrobacter braakii. ... Cited by 8 - Related Articles - Web Search

## Bacterial phytase: potential application, in vivo function and regulation of its synthesis - group of 2 »

I Ursula Konietzny, I Ralf Greiner - Braz. J. Microbiol, 2004 - SciELO Brasil ... commercially available Aspergillus niger phytase (37,67). In addition, the phytase of Citrobacter braakii was resistant to trypsin (67). ... Related Articles - Cached - Web Search - BL Direct

### [CITATION] Production studies and catalytic properties of phytases(myoinositolhexakisphosphate ... - group of 2 »

P Vats, UC Baneriee - Enzyme and Microbial Technology, 2004

... CrossRef; Kim, HW; Kim, YO; Lee, JH; Kim, KK; Kim, YJ, "Isolation and characterization of a phytase with improved properties from Citrobacter braakii" Biotech. ... Cited by 5 - Related Articles - Web Search

### Purification and Properties of a Phytate-degrading Enzyme from Pantoea agglomerans - group of 4 »

R Greiner - The Protein Journal, 2004 - Springer

... et al., 2004; Shah and Parekh, 1990; Tambe et al., 1994), Citrobacter braakii (Kim ... It is important to realise that any single phytase may never be able to meet ... Related Articles - Web Search - BL Direct

### Multienzyme system for dihydroxyacetone phosphate-dependent aldolase catalyzed C-C bond formation ... - group of 4 »

I Sánchez-Moreno, JF García-García, A Bastida, ... - Chemical Communications, 2004 rsc.org

... be prepared in situ by phosphorylation of glycerol catalysed by the phosphatase phytase. ... In the bacteria Citrobacter freundii the entire dha regulon has been ... Cited by 1 - Related Articles - Web Search - BL Direct

### Different restriction and modification phenotypes in ruminal lactate-utilizing bacteria - group of 4 »

M Piknova, M Filova, P Javorsky, P Pristas - FEMS Microbiology Letters, 2004 - Blackwell Synergy

... previously Bacteroides multiacidus; [7]) which is known especially for its **phytase** activity [8 ... R-M systems can be observed for the genus **Citrobacter** (13 from ... Cited by 2 - Related Articles - Web Search

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T Kobayashi - Biotechnology Letters, 2003 - Springer ... 1225–1229 Isolation and characterization of a **phytase** with improved properties from **Citrobacter** braakii HW Kim, YO Kim, JH Lee, KK Kim and YJ Kim 1231–1234 ... Web Search

Enzyme stabilization--recent experimental progress - group of 4 » CO'Fagain - Enzyme and Microbial Technology, 2003 - ffyb.uba.ar ... Examples include peroxidases, phospholipase, cellulase, phytase, luciferase, bacterial proteases, -amylase and glucose isomerase (GI), among others. ... Cited by 14 - Related Articles - View as HTML - Web Search

Predicting the evolution of antibiotic resistance genes - group of 7 »

BG Hall - J. Antimicrob. Chemother, 2003 - mast.queensu.ca
... Hatten, LF, Ingram, DR & Pittman, ST Effect of phytase on production ... in vitro evolution method, seven independent derivatives of a Citrobacter freundii Class ...

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